United States Environmental Protection Agency Region 7 901 N. 5th Street Kansas City, KS 66101

Date: 08/2**2**/2003

Subject: Transmittal of Sample Analysis Results for ASR #: 2102

Project ID: JRMAWS

Project Description: Atlantic Water Supply - RA/SE sampling

From: Dale I. Bates, Director

Regional Laboratory, Environmental Services Division

To: Jim MacDonald

SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition memo for this ASR.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Sites Q + | an + : C W S ID #: Tad 039954300 Break: 2, | Other: A 72 Q p

Summary of Project Information

08/20/2003

Project Manager: Jim MacDonald Org: SUPR/ER&R Phone: 913-551-7767

Project ID: JRMAWS

ASR Number: 2102

Project Desc: Atlantic Water Supply - RA/SE sampling

Location: Atlantic State: Iowa Program: Superfund

Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Purpose: Site Preliminary Assessment

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose. **Units:** Specific units in which results are reported.

_ = Field Sample ug/L = Micrograms per Liter

FB = Field Blank
FD = Field Duplicate

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank) = Values have been reviewed and found acceptable for use.

R = The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable.

U = The analyte was not detected at or above the reporting limit.

Sample Information Summary

08/20/2003

Project ID: JRMAWS

Sample No		Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 -		Water	Municipal Well #7		07/29/2003	11:21			07/30/2003
1 -	FD	Water	Municipal Well #7/Field Duplicate of sample 1		07/29/3003	11:21			07/30/2003
2 -	_	Water	Municipal Well #6		07/29/2003	12:07			07/30/2003
3 -	_	Water	MW-3/Passive Diffusion bag sample		07/29/2003	13:50			07/30/2003
3 -	FD	Water	MW-3/Passive Diffusion bag sample/Field Duplicate of sample 3		07/29/2003	13:50			07/30/2003
4 -	_	Water	MW-3/Bailer sample		07/29/2003	14:30			07/30/2003
4 -	FD	Water	MW-3/Bailer sample/Field Duplicate of sample 4		07/29/2003	14:30			07/30/2003
5 -	_	Water	MW-1/Passive Diffusion bag sample		07/29/2003	15:00			07/30/2003
6 -	_	Water	MW-1/Bailer sample		07/29/2003	15:35			07/30/2003
7 -	_	Water	MW-2/PDB sample		07/29/2003	15:55			07/30/2003
8 -	_	Water	MW-2/Bailer sample		07/29/2003	16:30			07/30/2003
11 -	FB	Water	Field Blank sample		07/29/2003	11:44			07/30/2003
13 -	FB	Water	LDL VOA Trip Blank sample		07/22/2003	07:34			07/30/2003

ASR Number:2102

RLAB Approved Analysis Comments

08/20/2003

Project ID: JRMAWS

Project Desc: Atlantic Water Supply - RA/SE sampling

Analysis Comments About Results For This Analysis

1 VOCs in Water by GC/MS

Lab: Contract Lab Program (Out-Source)

Method: CLP Statement of Work

Samples: 1-__ 1-FD 2-__ 3-_ 3-FD 4-_ 4-FD

5-__ 6-__ 7-__ 8-__ 11-FB 13-FB

Comments:

The reporting limits are elevated in sample -7 (20X) due to dilutions.

1,2-Dibromo-3-chloropropane in samples -8, -11FB, and -13FB was invalidated due to unacceptably low inital and continuing calibration relative response factors (RRFs).

RLAB Approved Sample Analysis Results

ASR Number: 2102 **Project ID:** JRMAWS

Analysis/ Analyte	Units	1	1-FD	2	3
1 VOCs in Water by GC/MS					
Acetone	ug/L	10 U	10 U	10 U	10 U
Benzene	μg/L	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 ປ	10 U	10 U
Bromomethane	ug/L	10 U	10 U	10 U	10 U
2-Butanone	ug/L	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	10 U	10 U	10 U	10 U
Carbon Tetrachloride	ug/L	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U
Chloroethane	ug/ L	10 U	10 U	10 U	10 U
Chloroform	ug/L	10 U	10 U	10 U	10 U
Chloromethane	ug/L	10 U	10 ប	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	ug/L	10 U	10 U	10 U	10 ປ
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U
1,2-Dibromoethane	ug/L 	10 U	10 U	10 υ	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U`	10 U	10 U	10 U
Dichlorodifluoromethane	ug/L	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L 	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U
Ethyl Benzene 2-Hexanone	ug/L ug/L	10 U 10 U	10 ∪ 10 U	10 U 10 U	10 U 10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U
Methyl Acetate	ug/L	10 U	10 U	10 U	10 U
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	10 U
Methylcyclohexane	ug/L	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	140	140	10 U	10 U
Toluene	ug/L	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 υ	10 U	10 U	10 U
Trichloroethene	ug/L	10 U	10 U	10 U	10 U
Trichlorofluoromethane	ug/L	10 U	10 U	10 U	10 Ų
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RLAB Approved Sample Analysis Results

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Analysis/ Analyte	Units	1	1-FD	2	3
1,1,2-Trichlorotrifluoroethane	ug/L	10 U	10 U	10 ∪	10 U
Vinyl Chloride	ug/L	10 ∪	10 U	10 U	10 U
total Xylene	ug/L	10 U	10 U	10 U	10 U

RLAB Approved Sample Analysis Results

Project ID: JRMAWS

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Analysis/ Analyte	Units	3-FD	4	4-FD	5
1 VOCs in Water by GC/MS					
Acetone	ug/L	10 U	10 U	10 U	10 U
Benzene	ug/L	10 U	10 U	10 U	10 Ų
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U
Bromomethane	ug/L	10 U	10 U	10 U	10 U
2-Butanone	ug/L	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	10 U	10 U	10 U	10 U
Carbon Tetrachloride	ug/L	10 U	10 U	10 U	10 Ų
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 Ų
Chloroform	ug/L	10 U	10 U	10 U	10 U
Chloromethane	ug/L	10 U	10 ∪	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	ug/L	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U
1,2-Dibromoethane	ug/L	10 U	10 U	10 U	10 Ų
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
Dichlorodifluoromethane	ug/L	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 Ų
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 Ų
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	ug/L	10 U	10 ປ	10 U	10 U
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U
Ethyl Benzene	ug/L	10 U	10 ∪	10 U	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 Ų
Isopropylbenzene	υ g /L	10 U	10 υ	10 U	10 Մ
Methyl Acetate	ug/L	10 U	10 U	10 U	10 U
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	10 U
Methylcyclohexane	ug/L	10 U	10 ∪	10 U	10·U
Methylene Chloride	ug/L	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	ug/L	10 U	10 U	10 U	10 U
Styrene	u g /L	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	10 Ų	10 U	10 U	10 Ų
Toluene	ug/L	10 Ų	10 U	10 U	10 U
1,2,4-Trichlorobenzene	ug/ L	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 Ų	10 U	10 U
Trichloroethene	ug/L	10 U	10 U	10 U	10 U
Trichlorofluoromethane	ug/L	10 U	10 U	10 U	10 Ų

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RLAB Approved Sample Analysis Results

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Analysis/ Analyte	Units	3-FD	4	4-FD	5
1,1,2-Trichlorotrifluoroethane	ug/L	10 U	10 U	10 Ų	10 U
Vinyl Chloride	ug/L	10 U	10 ປ	10 U	10 U
total Xylene	ua/L	10 U	10 U	10 U	10 U

RLAB Approved Sample Analysis Results

Project ID: JRMAWS

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Analysis/ Analyte	Units	6	7	8	11-FB
1 VOCs in Water by GC/MS					
Acetone	ug/L	10 U	200 U	10 U	40
Benzene	ug/L	10 U	200 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	200 U	10 U	10 U
Bromoform	ug/L	10 ∪	200 U	10 U	10 U
Bromomethane	ug/L	10 U	200 ∪	10 ປ	10 U
2-Butanone	ug/L	10 U	200 U	10 U	19
Carbon Disulfide	ug/L	10 U	200 U	10 U	10 U
Carbon Tetrachloride	ug/L	10 U	200 U	10 ປ	10 Ų
Chlorobenzene	ug/L	10 U	200 U	10 U	10 U
Chloroethane	ug/L	10 U	200 U	10 U	10 U
Chloroform	ug/L	10 U	200 U	10 U	10 U
Chloromethane	ug/L	10 U	200 U	10 U	10 U
Cyclohexane	ug/L	10 U	200 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	ug/L	10 U	200 U	N/A R	N/A R
Dibromochloromethane	ug/L	10 U	200 U	10 U	10 U
1,2-Dibromoethane	ug/L	10 U	200 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	200 U	10 U	10 ∪
1,3-Dichlorobenzene	ug/ L	10 U	200 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	200 U	10 U	10 U
Dichlorodifluoromethane	ug/L	10 U	200 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	200 ↓	10 U	10 Ų
1,2-Dichloroethane	ug/L	10 U	200 ∪	10 U	10 U
1,1-Dichloroethene	ug/L	10 U	200 U	10 ∪	10 U
cis-1,2-Dichloroethene	ug/L	10 U	200 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L	10 U	200 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	200 U	10 U	10 U
cis-1,3-Dichloropropene	ug/L	10 U	200 U	10 U	10 U
trans-1,3-Dichloropropene	ug/L	10 U	200 U	10 U	10 U
Ethyl Benzene	ug/L	10 U	200 U	10 U	10 U
2-Hexanone	ug/L	10 U	200 U	10 U	10 Ų
Isopropylbenzene	ug/L	10 U	200 U	10 U	10 Ų
Methyl Acetate	ug/L	10 U	200 U	10 U	10 U
Methyl tert-butyl ether	ug/L	10 U	200 U	10 U	10 U
Methylcyclohexane .	ug/L	10 U	200 ∪	10 U	10 U
Methylene Chloride	ug/L	10 U	200 U	10 U	10 U
4-Methyl-2-Pentanone	ug/L	10 U	200 U	10 U	10 U
Styrene	ug/L	10 U	200 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	200 U	10 U	10 U
Tetrachloroethene	ug/L	10 U	940	5300	10 U
Toluene	ug/L	10 U	200 U	10 U	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	200 U	10 U -	10 U
1,1,1-Trichloroethane	ug/L	10 U	200 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	200 U	10 U	10 U
Trichloroethene	ug/L	10 U	200 U	10 U	10 U
Trichlorofluoromethane	ug/L	10 U	200 U	10 ປ	10 U

ASR Number: 2102

RLAB Approved Sample Analysis Results

08/20/2003

Project ID: JRMAWS

Analysis/ Analyte	Units	6	7	8	11-FB
1,1,2-Trichlorotrifluoroethane	ug/L	10 U	200 U	10 U	10 U
Vinyl Chloride	ug/L	10 U	200 U	10 U	10 U
total Xylene	ug/L	10 U	200 ∪	10 U	10 ປ

RLAB Approved Sample Analysis Results

Project ID: JRMAWS Project Desc: Atlantic Water Supply - RA/SE sampling

ASR Number: 2102

Analysis/ Analyte	Units	13-FB
1 VOCs in Water by GC/MS		
Acetone	ug/L	10 U
Benzene	ug/L	10 U
Bromodichloromethane	ug/L	10 U
Bromoform	ug/L	10 ∪
Bromomethane	ug/L	10 U
2-Butanone	ug/L	10 U
Carbon Disulfide	ug/L	10 U
Carbon Tetrachloride	ug/L	10 U
Chlorobenzene	ug/L	10 U
Chloroethane	ug/L	10 U
Chloroform	ug/L	10 U
Chloromethane	ug/L	10 U
Cyclohexane	ug/L	10 U
1,2-Dibromo-3-Chloropropane	u g/L	N/A R
Dibromochloromethane	ug/L	10 U
1,2-Dibromoethane	ug/L	10 U
1,2-Dichlorobenzene	ug/L	10 U
1,3-Dichlorobenzene	ug/L	10 U
1,4-Dichlorobenzene	ug/L	10 U
Dichlorodifluoromethane	ug/L	10 U
1,1-Dichloroethane	ug/L	10 U
1,2-Dichloroethane	ug/L	10 ∪
1,1-Dichloroethene	ug/L	10 U
cis-1,2-Dichloroethene	ug/L	10 U
trans-1,2-Dichloroethene	ug/L	10 U
1,2-Dichloropropane	ug/L	10 U
cis-1,3-Dichloropropene	ug/L	10 ∪
trans-1,3-Dichloropropene	ug/L	10 U
Ethyl Benzene	ug/L	10 U
2-Hexanone	ug/L	10 U
Isopropylbenzene	ug/L	10 U
Methyl Acetate	ug/L	10 U
Methyl tert-butyl ether	ug/ L	10 U
Methylcyclohexane	ug/L	10 U
Methylene Chloride	ug/L	10 U
4-Methyl-2-Pentanone	ug/L	10 U
Styrene	ug/L	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U
Tetrachloroethene	ug/L	10 U .
Toluene	ug/L	10 U
1,2,4-Trichlorobenzene	ug/L	10 U
1,1,1-Trichloroethane	ug/L	10 U
1,1,2-Trichloroethane	ug/L	10 U
Trichloroethene	ug/L	10 U
Trichlorofluoromethane	ug/L	10 U

ASR Number: 2102 RLAB Approved Sample Analysis Results 08/20/2003

Project ID: JRMAWS Project Desc: Atlantic Water Supply - RA/SE sampling

Analysis/ Analyte	Units	13-FB
1,1,2-Trichlorotrifluoroethane	ug/L	10 U
Vinyl Chloride	ug/L	10 U
total Xylene	ug/L	10 U

CHAIN OF CUSTODY RECORD ENVIRONMENTAL PROTECTION AGENCY REGION VII

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2102-11-FB	1						1 %		all parples were
2102-2	<u> </u>				1				redefined + sont to
2102-3	-				1	2			the lab for soutine
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2102-4					1	1	1		Chatrications from
2102-4-FD				<u></u>	<u> </u>	1	1_	<u> </u>	the field contactor
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PERSONNEL CUSTO	DY RECORD					- 1	1/3£	0/63	
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Project ID:		_	nager: Jim MacDonald	i
•	Atlantic Water Supply - 1	RA/SE sampling	State: Iowa	
Program:	Atlantic Superfund	•	State: Iowa	
_	Multi-Site - General		Site ID: 07ZZ	Site OU: 00
		40	· -	
Location Desc:	Municipal Well	#10 47		
		External Sample Num	ber:	
Expected Conc:	(or Circle One	: Low (Medium) High)	Date	Time(24 hr)
Latitude:	·	Sample Commetion:	Staft: 01/19/13	1:21
Longitude:			End: 01_/29/03	L:21
	Preservative 4 Deg C, HCL to pH<2	Holding Time Analys 14 Days 1 VOCs	sis in Water by GC/MS	,
Sample Comme	nts:		 -	
(N/A)				<u>;</u>
collected	double volum	e /	•,	:
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Project ID: Project Desc:	JRMAWS Atlantic Water Supply - R.	Project Manager : A/SE sampling	: Jim MacDonald	
City:	Atlantic	State	: Iowa	
Program: Site Name:	Superfund Multi-Site - General	110	Site ID: 07ZZ	Site OU: 00
Location Desc:	Municipal Wel	1 414 51		
	,	External Sample Number:		<u>, — </u>
Expected Conc:	(or Circle One:	Low Medium High)	Date	Time(24 hr
Latitude:		Sample Collection: Start:	07/29/03	11:21
Longitude:		End:	07/29/03	11.21
Laboratory An Container - 40mL VOA vial	Preservative 4 Deg C, HCL to pH<2	Holding Time Analysis	r by GC/MS for Low U	
Laboratory An Container 4 - 40mL VOA vial Sample Comme	Preservative 4 Deg C, HCL to pH<2	Holding Time Analysis 14 Days 1 VOCs in Water		
Laboratory An Container - 40mL VOA vial Sample Comme	Preservative 4 Deg C, HCL to pH<2	Holding Time Analysis 14 Days 1 VOCs in Water		
Laboratory An Container - 40mL VOA vial Sample Comme	Preservative 4 Deg C, HCL to pH<2	Holding Time Analysis 14 Days 1 VOCs in Water		
Laboratory An Container - 40mL VOA vial Sample Comme	Preservative 4 Deg C, HCL to pH<2	Holding Time Analysis 14 Days 1 VOCs in Water		
Laboratory An Container - 40mL VOA vial Sample Comme	Preservative 4 Deg C, HCL to pH<2	Holding Time Analysis 14 Days 1 VOCs in Water		
Laboratory An Container 4-40mL VOA vial Sample Comme N/A) Field	Preservative 4 Deg C, HCL to pH<2	Holding Time Analysis 14 Days 1 VOCs in Water	r by GC/MS for Low U	

Sample Collected By: Sample Library

Project ID:	JRMAWS	Pro	ject Manager:	Jim MacDonald	
_	Atlantic Water Supply - R	A/SE sampling		_	
•	Atlantic		State:	Iowa	
Program: Site Name:	Superiunu Multi-Site - General			Site ID: 07ZZ	Site OU: 00
Location Desc:	Municipal 1	Dell #6			
	•	External Samp	le Number: _	· · · · · · · · · · · · · · · · · · ·	
Expected Conc:	(or Circle One	: Low Medium	High)	Date	Time(24 hr)
Latitude:		Sample Colle	ection: Start:	6 <u>1</u> 121/03	12:07
Longitude:	·		End:	धा फ्रा०३	1 <u>2</u> :01
Laboratory And Container	Preservative	Holding Time	Analysis		
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water	by GC/MS	
Sample Comme	nts:		-		
(N/A)			nd.		
•					
•			_		
·			·		
		•			

1 of 1

ASR Number: 2	2102 Sample Number	: 3 QC Co o	de: Matr	ix: Water Tag	ID: 2102-3
Project ID: Project Desc:	JRMAWS Atlantic Water Supply - R		ject Manager:	Jim MacDonald	
-	Atlantic	0 4 0 0 0 mm.	State	: Iowa	
•	Superfund Multí-Site - General			Site ID: 07ZZ	Site OU: 00
Location Desc:	MW-3, passi		V	•	
		External Samp	ole Number:		
Expected Conc	(or Circle One	Low Medium	High)	Date	Time(24 hr)
Latitude:		Sample Coll	ection: Start;	01/21/03	13:50
Longitude:			End:	01/21/03	13:50
Laboratory An Container 2 - 40mL VOA vial	alyses: Preservative 4 Deg C, HCL to pH<2	Holding Time 14 Days	Analysis 1 VOCs in Water	r by GC/MS	-
Sample Comme	ents:	<u> </u>			
(N/A) Samp	le collected f	from pas	sive diff	usion bag	(JDB)
	cate collected				•

Project ID: 3			_	Matri nager:	Jim MacDonald	
Project Desc: / City: /		Supply - RA/SE sa	ampling	State:	Iowa	
Program: S Site Name: N	•	eral			Site ID: 07ZZ	Site OU: 00
ocation Desc:	Mw-3,	1	diffusion al Sample Num		g sam	ele
expected Conc:	(or C	ircle One: Low	Medium High)		Date	Time(24 hr)
Latitude: Longitude:		Sam	ple Collection:		01/181/03 01/181/03	<u>13.50</u> 13.50
Laboratory Ana Container - 40mL VOA vial	lyses: Preservative 4 Deg C, HCL		g Time Analy Days 1 VOCs		by GC/MS_fo r Low C	Petection Limits
Sample Commer N/A) - Samf		ted from 2102-3	passive c	li Hu	gron bag	(PDB)
aup	U					
aup						
aup						

Project ID: J		_	anager:	Jim MacDonald	i
Project Desc: A City: A	tlantic Water Supply -	RA/SE sampling	State:	Iowa	
Program: S			State.	IOWA	
_	Iulti-Site - General			Site ID: 0722	Site OU: 00
Location Desc:	Mw-3, B	ailer		 	
		External Sample Nun	nber: _		
Expected Conc:	(or Circle On	e Low Medium High)		Date	Time(24 hr)
Latitude:		Sample Collection:	Start:	69/29/03	14:30
Longitude:		-	End:	আছাত্র	H:30
Laboratory Anal Container 2 - 40mL VOA vial		Holding Time Analy 14 Days 1 VOC		by GC/MS	
Sample Commen	ts:	·		<u>.</u>	
Sample Commen	ts:				
(N/A)					
(N/A)		Bailer			
(N/A)		Bailer 2102-4°FD			
(N/A)		Bailer 2102-4-FD			
(N/A)		Bailer 2102-4-FD			
[N/A)		Bailer 2102-4°FD			
[N/A)		Bailer 2102-4°FD			
[N/A)		Bailer 2102-4°FD			
[N/A)		Bailer 2102-4°FD			
(N/A)	collected by duplicates				
N/A)	collected by duplicate,				
(N/A)	collected by duplicate,				

ASR Number: 210	2 Sample Number	: or oc con	ie: Matr	ix: Water Tag	10: 2102- & FD
Project ID: JR	MAWS lantic Water Supply - F	•	ject Manager:	Jim MacDonald	
City: At	lantic	- 402 04pg	State:	Iowa	
Program: Su Site Name: Mu	iperfund ulti-Site - General			Site ID: 07ZZ	Site OU: 00
Location Desc: _	Mw-3, Bail	er			
•		External Samp	le Number: _		
Expected Conc:	(or Circle One	: Low Medium	High)	Date	Time(24 hr)
Latitude: _	_ _	Sample Coll	ection: Start:	01/21/03	<u>14:30</u>
Longitude: _			End:	07/29/03	性:30
Laboratory Analy Container 4 - 40mL VOA vial	/Ses: Preservative 4 Deg C, HCL to pH<2	Holding Time 14 Days	Analysis 1 VOCs in Water	by GC/MS. 707 Low D	etection Limits
Sample Comment	s:	<u></u>			
(N/A)	.a.			عد	
- Sample	te & 2102	Bailer		4	
- duplica	te & 2102	4		,	

Sample Collected By: ______

ASR Number: 2102	Sample Number: 5	QC Code: Mat	rix: Water Tag 1	ID: 2102-5
Project ID: JRMAV Project Desc: Atlanti	VS c Water Supply - RA/SE	Project Manager	: Jim MacDonald	
City: Atlanti	ic	· -	: Iowa	
Program: Superf Site Name: Multi-S			Site ID: 07ZZ	Site OU: 00
Location Desc: Mu	D-1, Passine	Diffusion Bag	Sample	
	Exte	rnal Sample Number:		
Expected Conc:	(or Circle One: Lo	w Medium High)	Date	Time(24 hr)
Latitude:		imple Collection: Start: End:	61/21/03 61/21/03	12: <u>0</u> 0 15: <u>0</u> 0
Laboratory Analyses Container P 4 - 40mL VOA vial 4	reservative Hole		er by GC/M S for Low D	etection Limits
Sample Comments: (N/A) - Collected	sample from	~ passive diff	histon bag	(PDB)

ASR Number: 21	02 Sample Number	: 6 QC Code: / Mar	trix: Water Tag	ID: 2102-6
Project ID: J		Project Manage	r: Jim MacDonald	d
Project Desc: A City: A	tlantic Water Supply - F tlantic	· –	e: Iowa	
Program: S Site Name: M	uperfund ulti-Site - General		Site ID: 07Z	Z Site OU: 00
Location Desc:	Mw-L, Bai	lev		
		External Sample Number:		
Expected Conc:	(or Circle One	: (Low Medium High)	Date	Time(24 hr)
Latitude: _ Longitude: _		Sample Collection: Start End	: 01/21/03 : 01/21/03	15:35 15:35
Laboratory Anal Container 4 - 40mL VOA vial	yses: Preservative 4 Deg C, HCL to pH<2	Holding Time Analysis 14 Days 1 VOCs in Wat	er by GC/MS <u>for Low</u>	Detection Limits
Sample Commen (N/A) -Sample	collected from	na bailer	~	·
1	+		•	
	•			
		-		

Project Desc:	JRMAWS Atlantic Water Supp	ly - RA/SE sam	-	nager:	Jim MacDonald	
City: ,	Atlantic	•		State:	Iowa	
Program: : Site Name:	Superfund Multi-Site - General				Site ID: 07ZZ	Site OU: 00
Location Desc:	Mw-2, P					
		External	Sample Num	ber: _		., -
Expected Conc:	(or Circle	One: Low M	edium (High)	•	Date	Time(24 hr
Latitude: Longitude:		Sampl	e Collection:		ब्याष्ट्रा ब्याष्ट्रा	15:55 15:55
Laboratory Ana Container 4 - 40mL VOA vial	Preservative 4 Deg C, HCL to p	_	-		oy GC/MS .fer Low D	etection Limits //
Sample Comme	nts:			•	•	
(N/A)			v			
- Collecte	ed Sample	Son.	passive	disk	ston ba	ا
		·				
			· .			,

		Sample Number:			ix: Water Tag 1	
Project ID:			_	ect Manager:	Jim MacDonald	
•	Atlantic	c Water Supply - RA c	VSE sampling	State:	Towa	
Program:					10774	
Site Name:	Multi-S	ite - General			Site ID: 07ZZ	Site OU: 00
ocation Desc:	MW	-2 , Baile	w			
			xternal Samp	le Number: _	<u>- </u>	
Expected Conc		(or Circle One:	Low Medium	High)	Date	Time(24 hr)
Latitude:			Sample Colle	ction: Start:	01/29/03	ILe:30
Longitude:				End:	01/24/03	<u>16:30</u>
Laboratory An	•	·				· ·
Container - 40mL VOA vial		r eservative Deg C, HCL to pH<2	Holding Time 14 Days	Analysis 1 VOCs in Water	by GC/MS ,for Low D	etection timits \
ample Comm	ents:					
N/A)			_			∞ ·
- Sampl	e cé	Meded from	bailer			
7				•		•

Sample Collected By: _______

Project ID: JR	antic Water Supply - R	Pro		Jim MacDonald	ID: 2102-11- <u>F</u>
Program: Su				-	Z Site OU: 00
Location Desc:	feld Bank				
Expected Conc:		External Samp Low Medium	F	Date	Time(24 hr)
Latitude: _ Longitude: _		Sample Colle	ection: Start: End:	01/12/13 01/12/13	ग ः तस् ग्र [ः] कत्
Laboratory Analy Container 4 - 40mL VOA vial	Ses: Preservative 4 Deg C, HCL to pH<2	Holding Time	Analysis 1 VOCs in Water	by GC/MS. FOR LOW	Detection Limits
Sample Comments (N/A) Field	Blank		••)		
•			•		

ASR Number:	2102 Sample Number:	13 QC Cod	le: FB Matr	ix: Water Tag	ID: 2102-13-FB
Project ID:			ject Manager:	Jim MacDonald	
City:	Atlantic Water Supply - RA	V/SE sampling	State:	Iowa	
Program: Site Name:	Superruna Multi-Site - General			Site ID: 07ZZ	Site OU: 00
Location Desc:	LDL VOA Trip Blank samp	le		_ · _ _ · _	
	E	xternal Samp	le Number: _		
Expected Conc	: (or Circle Ope:	Low Medium	High)	Date	Time(24 hr)
Latitude: Longitude:		Sample Colle	ection: Start: End:	01/20/03	ο ા :좌 이 :좌
Laboratory An	-				
Container 4 - 40mL VOA vial	Preservative 4 Deg C, HCL to pH<2	Holding Time 14 Days	Analysis 1 VOCs in Water	· by GC/MS-fel LOW D	retection Limits \
Sample Comme	ents: Blank				•

United States Environmental Protection Agency Region VII 901 N. 5th Street Kansas City, KS 66101

U	ate:/
Subj	ect: Data Disposition for ASR #: 2102
	Project ID: JRMAWS
	Project Description: Atlantic Water Supply - RA/SE sampling
Fr	om: Jim MacDonald SUPR/ER&R
	To: Dee Simmons ENSV/RLAB/CATS
Analy	I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced ytical Services Request(ASR) and have indicated my findings below by checking one of the boxes.
	After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'RELEASED' so that the electronic form of the data are available on the LAN in R7LIMS for my use. I realize that this will make these results available in read-only form to all Region 7 employees and contractors that have R7LIMS 'Customer' account.
	After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'PM Available' so that the electronic form of the data are available on the LAN in R7LIMS for my use only.
	After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please DO NOT change the ASR status to 'RELEASED' or 'PM Available' as THIS DATA IS OF A SENSITIVE NATURE. I realize that this data will be archived on-line and any future reports or electronic data dumps must be requested through the laboratory.
	After reviewing the data, I have found that SOME CHANGES ARE NECESSARY. PLEASE MAKE THE CHANGES DETAILED IN THE ATTACHED LIST and re-transmit this data package. I realize that if I wait more than 14 days after the date of the data transmittal the data may already be archived and additional time may be required to make these changes.

LABORATORY CUSTOMER SATISFACTION SURVEY

Thanks for using our services, we would like to hear how we did.

Please take a few minutes and complete the survey and let us know.

Return completed surveys to Dale Bates, ENSV/RLAB.

SR Number:_	·	Date:			 .	
	Was your	data rec	eived in a	timely:	nanner?	
	l Data was very late	2	30 day (standard)	4	5 Results receive before expects	
<u></u>	Was the d	ata usabl	e for its in	ntended	purpose?	
	l Of little value	2	3 Meets my needs	4	5 Exceeded my expectations	
How w	as commu	nication	with the p	eople ir	the labora	tory?
Poor and h to underst		3 Average	4	5 Clear an informa		munication activity
What is you 1 Slow as uncarin	2	3 Average	4	5 Excellent, available		oblem on
What is you	If opinion (1 Too much trouble	of the pro 2	Ocess to o	otain da 4	ta (e.g., AS 5 Excellent, indispensable	Rs, etc.)?
What	is your cor 1 Troublesome	2	in the data 3 Acceptable	.4 ,	you receiv 5 Very Comfortable	ed?
Comments:						
			•			
			:	-		<u> </u>